Accessing the CD on the DTL-T10000

To: All licensees

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The DTL-T10000 now has the following restrictions due to changes in the kernel
starting with Runtime Library Release 1.3.4.

Restrictions

Before initially accessing the CD after starting a program on the
DTL-T10000, it is necessary to wait for the drive to be in
a "commands can be issued state (SCECdComplete)".

Explanation
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dsedb, etc. generally resets the system on start-up. After resetting,
the CD drive automatically checks for a disk. An error will be returned if
a CD access is performed using sceOpen(), etc., before this checking
operation is completed.

This problem will take place with any CD access operation, such as with
sceSifLoadModule() and libcdvd functions.

The problem does not exist for the debugging station or the actual unit, but
the following workaround is recommended for the purpose of maintaining
compatibility.

Workaround

The first CD access operation performed when a program is started often
involves sceSifLoadModule(). If this is the case, sceCdInit(SCECdINIT) should
be executed beforehand.

```
(Good example 1)
int main(){
    sceCdInit(SCECdINIT);
    sceSifInitRpc(0);
    while ( sceSifLoadModule("cdrom0:\\SIO2MAN.IRX;1", 0, NULL) < 0);
          :
          :


(Good example 2)
int main(){
    sceSifInitRpc(0);
    while ( sceSifLoadModule("host0:/usr/local/sce/iop/modules/sio2man.irx",
     0, NULL) < 0);
          :
    sceCdInit(SCECdINIT);
```

```
        fd = sceOpen(filename, SCE_RDONLY);
              :


(Bad example 1)
int main(){
    sceCdInit(SCECdINoD);
    sceSifInitRpc(0);
    while ( sceSifLoadModule("cdrom0:\\SIO2MAN.IRX;1", 0, NULL) < 0);
              :
              :


(Bad example 2)
int main(){
    sceSifInitRpc(0);
    while ( sceSifLoadModule("cdrom0:\\SIO2MAN.IRX;1", 0, NULL) < 0);
              :
    sceCdInit(SCECdINIT);
              :
```